

EAST Search History**EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	20	((laparoscopic with port) with seal)	USPAT	OR	OFF	2007/12/09 16:06
S2	7	("5209737") or ("5308336") or ("5385533") or ("5545142") or ("5603702") or ("5407433") or ("5411483") or ("5411483").PN.	USPAT; USOOR	OR	OFF	2007/12/09 16:13
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S5	150	(604/24).OCLS.	USPAT; USOOR	OR	OFF	2007/12/09 16:24
S6	46	(604/25).OCLS.	USPAT; USOOR	OR	OFF	2007/12/09 16:24
S7	318	(604/26).OCLS.	USPAT; USOOR	OR	OFF	2007/12/09 16:28
S8	80	(604/108).OCLS.	USPAT; USOOR	OR	OFF	2007/12/09 16:30
S9	431	(604/164.01).OCLS.	USPAT; USOOR	OR	OFF	2007/12/09 16:30
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S49	12	("5554124").URPN.	USPAT	OR	OFF 14:32	2009/03/10
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S68	19	S67 and rotat\$4	USPAT	OR	OFF	2009/03/10 16:43
S69	33	S66 and rotat\$4	USPAT	OR	OFF	2009/03/10 16:57

S70	57	("2416391" "2569850" "3086797" "3197173" "3329390" "3875938" "3989049" "3994287" "4000739" "4177814" "4233982" "4240411" "4338934" "4379458" "4424833" "4430081" "4512766" "4531937" "4535773" "4540411" "4580573" "4601710" "4610665" "4610674" "4611785" "4626245" "4629450" "4634432" "4654030" "4655752" "4673393" "4705511" "4798594" "4804375" "4813938" "4842591" "4857062" "4874377" "4895346" "4909798" "4917668" "4929235" "4935010" "4960412" "4966588" "4978341" "5000745" "5006114" "5009391" "5158553" "5197955" "5203774"). PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2009/03/10 17:18
S71	100	(("6174309") or ("20020072713") or ("20040215209") or ("5285955") or ("6635072") or ("4509518") or ("4624254") or ("4938353") or ("5352223") or ("5366477") or ("5382254") or ("5395369") or ("5549606") or ("5590570") or ("5637108") or ("5695522") or ("5720756") or ("5725537") or ("5727428") or ("5891159") or ("5913874") or ("5964774") or ("6044628") or ("6099551") or ("6228083") or ("6451018") or ("6458130") or	US-PGPUB; USPAT; USOOR	OR	OFF	2009/03/10 17:33

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S72	2	("2002/0072713").URPN.	USPAT	OR	OFF	2009/03/10 17:34
S73	100	("3795085") or ("3910014") or ("4469983") or ("4723092") or ("5477709") or ("5501394") or ("5518578") or ("5592802") or ("6006503") or ("6041579") or ("6152188") or ("6516589") or ("6632306") or ("6656310") or ("6719303") or ("6732496") or ("6736545") or ("6810644") or ("6843244") or ("6877295") or ("6925780") or ("7000366") or ("7344671") or ("20030034026") or ("20050109452") or ("20060185241") or ("20070093851") or ("20080000591") or ("3579958") or ("3583125") or ("3583126") or ("3599387") or ("3616087") or	US-PGPUB; USPAT; USOOR	OR	OFF	2009/03/10 17:36

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("3925139") or
("3926446") or
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("4102111") or
("4104849") or
("4136505") or
("4169004") or
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("4227721") or
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("4387547") or
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("4426758") or

		(("4434853") or ("4442656") or ("4474216") or ("4517787") or ("4537012") or ("4537016") or ("4560351") or ("4570791") or ("4600036") or ("4601159") or ("4604854") or ("4613320") or ("4619102")).PN.				
S74	6	("3920215" "4513948" "5033519" "5389081" "5603702" "5820600").PN.	USPAT	OR	OFF	2009/03/10 17:37
S75	7	("5033519").URPN.	USPAT	OR	OFF	2009/03/10 17:38
S76	70	("0979819" "1219222" "1246033" "1262443" "1268947" "1289490" "1312531" "1313386" "1360869" "1462253" "1463129" "1689066" "1859009" "1892455" "1978314" "2199085" "2299360" "2340936" "2499409" "2685891" "2705372" "2811179" "2918931" "2918932" "3189039" "3347263" "3438316" "3495635" "3563263" "3610273" "3661175" "3787022" "3791407" "3794077" "3895402" "4175296" "4266582" "4396034" "4407325" "4469116" "4630655" "4703874").PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2009/03/10 17:39
S77	767	(251/212).OCLS.	US-PGPUB; USPAT; USOOR	OR	OFF	2009/03/10 17:56
S78	1111	(251/251).OCLS.	US-PGPUB; USPAT; USOOR	OR	OFF	2009/03/11 12:33
S79	483	(251/257).OCLS.	US-PGPUB; USPAT; USOOR	OR	OFF	2009/03/11 12:34

S80	1113	(137/614.11).OCLS.	USPAT; USOOR	OR	OFF	2009/03/13 12:54
S81	353	(277/348).OCLS.	USPAT; USOOR	OR	OFF	2009/03/13 13:10
S82	4975	seal with (rotat\$4 with opening)	US-PGPUB; USPAT	OR	OFF	2009/03/13 13:22
S83	194	(277/908).OCLS.	USPAT; USOOR	OR	OFF	2009/03/13 13:25
S84	222	(277/504).OCLS.	USPAT; USOOR	OR	OFF	2009/03/13 13:30
S85	829	seal with (rotat\$4 with expand\$4)	US-PGPUB; USPAT	OR	OFF	2009/03/13 13:40
S86	58	S85 and ((aperture or opening) with (radially with expand\$4))	US-PGPUB; USPAT	OR	ON	2009/03/13 13:40
S87	15	("2663467" "3188070" "3366363" "3371906" "3383131" "4030629" "4092010" "4412669" "4523737" "4705518").PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2009/03/13 13:43
S88	9	("5112324").URPN.	USPAT	OR	OFF	2009/03/13 13:45
S89	41	("4917668" "5104383" "5127626" "5180373" "5197955" "5209736" "5209737" "5242412" "5304143" "5308336" "5342315" "5350364" "5354280" "5380288" "5388553" "5391153" "5391154" "5407433" "5411483" "5443452" "5485553" "5492304" "5496280" "5542931" "5545142" "5549565" "5584850" "5603702" "5628732" "5634908" "5693031" "5709664" "5752938" "5782812" "5792113" "5803919" "5827228" "5871471" "5895377" "6083203" "6093176").PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2009/03/13 14:23
S90	7	("4978341" "5127626" "5180373" "5201714" "5312363" "5330437" "5391154").PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2009/03/13 14:36

S91	61	("2797837" "3197173" "3473779" "3875938" "3970089" "3977400" "4000739" "4177814" "4233982" "4240411" "4243034" "4338934" "4379458" "4424833" "4430081" "4512766" "4531937" "4535773" "4569502" "4580573" "4609300" "4610665" "4610674" "4611785" "4626245" "4629450" "4634432" "4654030" "4655752" "4673393" "4759751" "4798594" "4813938" "4842591" "4857062" "4874377" "4895346" "4909798" "4917668" "4929235" "4935010" "4960259" "4960412" "4966588" "4978341" "5000745" "5006114" "5009391" "5053014" "5098393" "5112321" "5127626" "5161773" "5180373" "5197955" "5205831" "5209737" "5256150"). PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2009/03/13 14:41
S92	2	("4723550" "4842591"). PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2009/03/13 14:44
S93	61	("5209737").URPN.	USPAT	OR	OFF	2009/03/13 14:45
S94	87	("0729423" "2797837" "3086797" "3197173" "3438607" "3766916" "3811440" "3856010" "3875938" "3920215" "3970089" "3977400" "3994287" "4000739" "4149535" "4177814" "4231400" "4240411" "4243034" "4324239" "4338933" "4378013" "4424833" "4430081" "4436519" "4473369" "4475548" "4496348" "4580573" "4610665" "4610674" "4626245" "4634421" "4654030" "4655752" "4673393"	US-PGPUB; USPAT; USOOR	OR	OFF	2009/03/13 14:50

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S95	2	(("5209737") or ("5820600")).PN.	USPAT; USOOR	OR	OFF 15:38	2009/03/13
S96	2	(("5820600") or ("5209737")).PN.	USPAT; USOOR	OR	OFF 15:26	2009/09/02
S97	1	("20040215209").PN.	US-PGPUB; USPAT; USOOR	OR	OFF 15:50	2009/09/02
S98	301	(277/605).OCLS.	US-PGPUB; USPAT; USOOR	OR	OFF 14:40	2009/09/03
S99	22	("4335283" "4605272" "4719658" "4773198" "4812624" "4821474" "4918887" "4977018" "5024032" "5042337" "5058469" "5072558" "5072952" "5079879" "5263291" "5321220" "5347777" "5440842" "5704771" "5755065" "5777274" "5961265").PN.	US-PGPUB; USPAT; USOOR	OR	OFF 14:59	2009/09/03
S100	3	("6354596").URPN.	USPAT	OR	OFF 15:01	2009/09/03
S101	392	(277/607).OCLS.	US-PGPUB; USPAT; USOOR	OR	OFF 15:03	2009/09/03

S102	36	("0601794" "0712194" "1347880" "1525136" "1713775" "1905919" "3173699" "3521657" "3613936" "3712631" "3815748" "4170365" "4206783" "4213619" "4259988" "4333499" "4426095" "4679595" "4690414" "4712811" "4889166" "4982529" "5080137" "5114162" "5257791" "5501472" "5640988" "6082925").PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2009/09/03 17:26
S103	4	("6406216").URPN.	USPAT	OR	OFF	2009/09/03 17:28
S104	306	(277/609).OCLS.	US-PGPUB; USPAT; USOOR	OR	OFF	2009/09/03 17:37
S105	16	("2520089").URPN.	USPAT	OR	OFF	2009/09/03 17:41
S106	6	("2466263" "3082022" "3302953").PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2009/09/03 17:44
S107	12	("3573873").URPN.	USPAT	OR	OFF	2009/09/03 17:45
S108	816	(277/616).OCLS.	US-PGPUB; USPAT; USOOR	OR	OFF	2009/09/03 18:00
S109	328	(251/1.1).OCLS.	US-PGPUB; USPAT; USOOR	OR	OFF	2009/09/04 14:08
S110	141	(251/1.2).OCLS.	US-PGPUB; USPAT; USOOR	OR	OFF	2009/09/04 14:16
S111	771	(251/212).OCLS.	US-PGPUB; USPAT; USOOR	OR	OFF	2009/09/04 14:33
S112	1	("1999699").URPN.	USPAT	OR	OFF	2009/09/04 14:42
S113	13	("1999699" "2649272" "3101736" "4094492" "4095514" "4513948" "5549086" "5802716" "5975493" "5993978").PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2009/09/04 14:45

S114	8	("1986484" "3329390" "3366363" "4292969" "4540411").PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2009/09/08 15:23
S115	13	("2416391" "2844351" "3304934" "3329390" "3599637" "4016879" "4063555" "4243034" "4311137").PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2009/09/08 15:23
S116	56	("4540411").URPN.	USPAT	OR	OFF	2009/09/08 15:24
S117	75	("5158553").URPN.	USPAT	OR	OFF	2009/09/08 15:29
S118	100	((("6174309") or ("20020072713") or ("20040215209") or ("20090076506") or ("5285955") or ("6635072") or ("4509518") or ("4624254") or ("4938353") or ("5352223") or ("5366477") or ("5382254") or ("5395369") or ("5549606") or ("5590570") or ("5637108") or ("5695522") or ("5720756") or ("5725537") or ("5727428") or ("5891159") or ("5913874") or ("5964774") or ("6044628") or ("6099551") or ("6228083") or ("6451018") or ("6458130") or ("6473512") or ("6500176") or ("6533784") or ("6585735") or ("6626901") or ("6656177") or ("6682528") or ("6770072") or ("6802843") or ("6860880") or ("6905497") or ("6908463") or ("6913579") or	US-PGPUB; USPAT; USOOR	OR	OFF	2009/09/08 16:39

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		(("20040162557") or ("20040243125") or ("20040249371") or ("20040249374") or ("20050021027")).PN.				
S119	6	("2002/0072713").URPN.	USPAT	OR	OFF	2009/09/08 16:40
S120	6	((("5211370") or ("3920215") or ("5125915") or ("5820600") or ("20020072713") or ("20040010230")).PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2009/09/09 13:35
S121	2	((("5389081") or ("4513948")).PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2009/09/09 13:37
S122	73	((("0729423" "2797837" "3086797" "3197173" "3438607" "3766916" "3788318" "3811440" "3856010" "3875938" "3920215" "3970089" "3977400" "3994287" "4000739" "4149535" "4177814" "4202527" "4231400" "4240411" "4243034" "4324239" "4378013" "4424833" "4430081" "4436519" "4473369" "4475548" "4496348" "4580573" "4610665" "4610674" "4626245" "4634421" "4654030" "4655752" "4673393" "4723550" "4786028" "4798594" "4817631" "4839471" "4842591" "4869717" "4874377" "4884091" "4895565" "4909798" "4917668" "4929235" "4943280" "4960259" "4960412" "4978341" "5000745" "5009391" "5009643" "5041095" "5053014" "5053016" "5104383" "5104389" "5127626" "5127909" "5197955" "5211370" "5211633" "5221264").PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2009/09/09 13:45

S123	27	("5389081").URPN.	USPAT	OR	OFF	2009/09/09 13:56
S124	0	("2007/0093851").URPN.	USPAT	OR	OFF	2009/09/09 14:01
S125	0	("("3920215" "5603702" "5820600").PN.") .PN.	USPAT; USOOR	OR	OFF	2009/09/09 14:01
S126	3	("3920215" "5603702" "5820600").PN.	USPAT	OR	OFF	2009/09/09 14:01
S127	4	((("5820600") or (("7025747") or (("5634908") or (("4513948"))).PN.	USPAT; USOOR	OR	OFF	2009/09/09 16:53

9/9/2009 7:17:56 PM

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